APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

PINES, B. Y.

Zh Eks Fiz, XVIII, No 1, pp 29-44, 1948

Isothermal Growth of Nuclei during Dissociation of a Supersaturated Solution, 2 9 pp.

NRL 175

CIA

RT-802

359-1 A 9176

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Outlines of the Physics of Metals, by
B. Ya. Pines, 371 pp.

RUSSIAN, [illegible] bk, Ocherki po Metallofizike,
1961, pp 1-315. 9668187

FTD-TT-62-1355

Sci-Phys
Apr 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Baking, Creep, Rest, Recrystallization and Other Phenomena, Conventional Selfdiffusions in Crystalline Bodies, by B. Ya. Pines.

RUSSIAN, per, Uap. Fiz Nauk, Vol LII, No 4, 1954, pp 501-559. 9204994

AEC-Tr-5563

Sci - Phys

Apr 63

227,039

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Creep Kinetics in Single Crystals of Metals and Alloys at High Temperatures, by B. Ya. Pines, E. E. Badiyan, 10 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 10, 1963, pp 2859-2870.

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 10

Scd
May 64

259,001

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Partial Diffusion Coefficients and Self-Diffusion Coefficients in Copper-Nickel Alloys
By B. Ya. Pines and I. G. Ivanov pp 6

RUSSIAN, per. Fiz Tverdogo Tela, Vol IV, No 7, 1962
pp 1382-1390

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 7

Sgi

341, 071

Jun 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

The Composition Dependence of Creep Rate and Durability Under Prolonged Loading at Elevated Temperatures in Iron-Carbon and Iron-Copper Alloys
By B. Ya. Pines and A. F. Sirenko pp 7

RUSSIAN, per Fiz Tverdogo Tela, Vol IV, No 7 1962, pp 1901-1910

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 7

Sof

Jun 63

341,073

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Derivation of the Lattice Distortion and Spread in Block Size by Means of Harmonic Analysis Applied to X-Ray Reflections, by B. Ya. Pines, A. F. Sirenko, 7 pp.

RUSSIAN, per, Kristallografiya, Vol VII, No 1, 1962, pp 20-30.

AIP
Sov Phys - Crystal
Vol VII, No 1 211,731

sci
Sep 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Structural Changes During High-Temperature Creep in Copper Monocrystals, by E. Ya. Pines, V. A. Sivoshub, 6 pp.

RUSSIAN, per. Fiz Tverdogo Tela, No. 9, 1961, pp 2703-2711

AIP
Sov Phys-Solid State
Vol III, No. 9

Sol

Mar 62

192, 466

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Variation of the Submicroporosity in Electrolytic Metallic Films with Heating and Loading, by B. Ya. Pines, R. I. Kuznetsova, 6 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol. III, No 5, 1961, pp. 1475-1484.

AIP
Spv Phys - Solid State
Vol. III, No 5

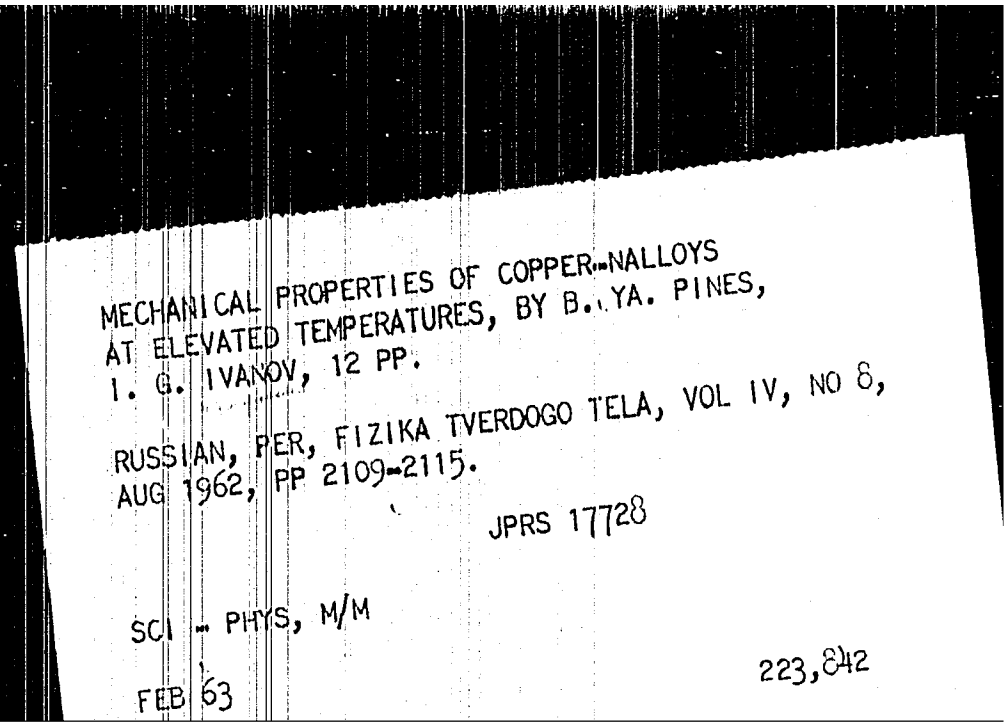
Sci

Mar 62

189,111

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8



MECHANICAL PROPERTIES OF COPPER-NALLOYS AT ELEVATED TEMPERATURES, BY B. YA. PINES, I. G. IVANOV, 12 PP.

RUSSIAN, FER, FIZIKA TVERDOGO TELA, VOL IV, NO 8, AUG 1962, PP 2109-2115.

JPRS 17728

SCI - PHYS, M/M

FEB 63

223,842

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

INVESTIGATION OF DIFFUSION CREEP IN POWDER METAL BODIES, BY B. YA. PINES, A. F. SIRENKO, 13 PP.

RUSSIAN, BK, ISSLEDOVANIYA PO ZHAROPROCHNYM SPLAVAM, VOL IV, 1959, PP 301-310.

JPRS 17499

SCI - CHEM

221,286

FEB 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Pines, B. Ya. and Chaykovskiy, Ye. F.
X-RAY DIFFRACTION DETERMINATION OF THE HETERODIFFUSION COEFFICIENTS IN ALLOYS FORMING SOLID SUBSTITUTION SOLUTIONS. [1961]
7p. 2 refs.
Order from MDF $5.00 MDF P-166

Trans. of A[kademiya] N[auk] SSSR. Doklady, 1956, v. 111, no. 6, p. 1234-1237.

(Metallurgy, TT, v. 5, no. 12)

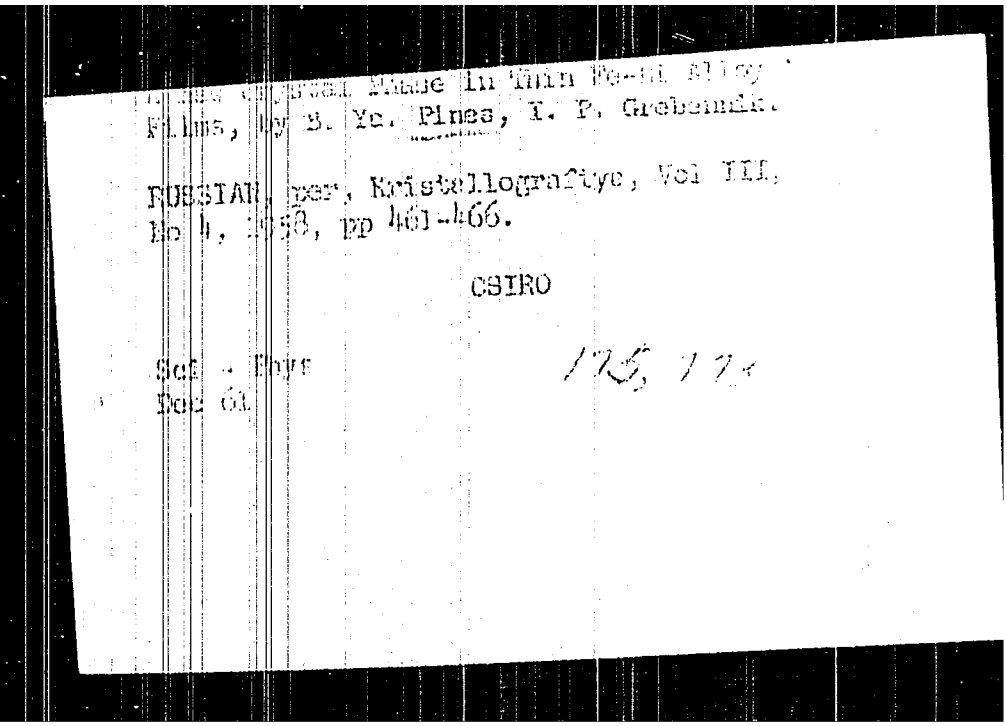
61-22173

1. Alloys--Phase studies
2. Alloys--X-ray analysis
3. Diffusion--Measurement
I. Pines, B. Ya.
II. Chaykovskiy, Ye. F.
III. MDF P-166
IV. Friedman, Morris, D., Inc., West Newton, Mass.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8



Films, by S. Ye. Pines, I. P. Grebennik.

RUSSIAN, Kristallografiya, Vol III,
No 4, 1958, pp 461-466.

CSIRO

Sci - Phys
Dec 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

On the Mechanism of the Stress-Rupture Failure of Metals, by B. Ya. Pines, A. F. Sirenko, 3 pp.

RUSSIAN, por, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1061.

AIP
Sov Phys - Dok
Vol V, No 5

152,525

Sci

Apr 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Coefficients of Selfdiffusion in Alloys, by B. Ya. Pines, I. V. Smushkov, 4 pp.

RUSSIAN, per. Fiz Tverdogo Tela, Vol III, No 1, 1961, pp 146-153.

AIP
Sov Phys-Solid State
Vol III, No 1

Sci
Jul 61

161, 202

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

X-Ray Tube With Specially Long Sharpt Focus and Some Applications, by Pines and Bublik.

RUSSIAN, per, Iz Ak Nauk SSSR. Ser Fiz.

CSIRO

Sci
Apr 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

On the Growth of "Nuclear" Cracks Promoting Brittle Strength of Bodies, by B. Ya. Pines, 9 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXV, No 8, 1955, pp 1399-1404. 9670179

ATIC NCL-530/1

Sci - Phys

Jul 61

161, 329

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Service Time Under Load Depending Upon Applied Stress for Samples of Iron Cermets in Alpha and Gamma Phases, by B. Ya. Pines, A. F. Sirenko, 3 pp.

RUSSIAN, rpt, 15 Jul 1959.

Sci - Phys AF 1452252
19 Jun 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

[redacted]

[redacted] Distortion (In the Solid Phase) by B. Ya. Pines.
[redacted] per, Zhurnal Tekhnicheskoi Fiziki,
Vol 16, No 5, 1946, pp 737-743.
*[illegible]

B. Ya. Pines

Sch/Tech, Civil Analyst G
Marine Engr
Jun 47

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

12 660 Fr-7

PINES B. Ya., SIRENKO A. F.

Creep due to diffusion and unbalance conditions in cermets and moulded metals

Fluage par diffusion et états de déséquilibre des corps métallocéramiques et des métaux moulés

Izv. Vysshikh Uchebn. Zaved., Metallurg., No. 2, 16 p.(1960)

2a3b6a. 5956 - French

Euratom

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Approximate Thermodynamic Calculation of Elementary Equilibrium Diagrams of Ternary and More Complex Alloys, by B. Ya. Pines, 29 pp, UNCL.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 3, Mar 1958, pp 611-629. CIA 649106

ATIC F-TS-9531/V

Sci - Chem; Math

Jul 59

91,143

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Discussion of Papers - I. B. Borovskiy, B. Ya. Fines, A. K. Beskrovnyy, G. A. Efendiyev, O. L. Ageyeva, V. I. Mikheyeva, I. I. Kornilov, 14 pp, UNCL.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 3, Mar 1958, pp 601-606.

ATIC F-TS-9531/V

Sci - Chem

Jul 59

91,141

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Self-Diffusion and Heterodiffusion in Nonhomogeneous Porous Bodies. III. Occurrence of the Frenkel' and Kirkendall Effects in the Sintering of Specimens of Powder Mixtures of Mutually Diffusing Metals, by D. Ya. Pines and A. F. Sirenko, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 5, 1959, pp 653-666.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol IV, No 5

SUP

103,790

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

On the Kinetics of Two-Phase (Eutectic) Crystallization, by B. Ya. Pines, 21 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XVIII, No 6, 1948, pp 631-842.

SLA 60-16953

Sci
Vol IV, No 8
2 Jun 62

198,012

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Investigation of Internal Friction in Powder Metal Compacts. 5. Low Temperature Effects due to Plastic Deformation, by B. YA. PINES, DEN GE SEN, 3 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 1, 1960, pp 58-62.

PP
165,528

Sci

Aug 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

A Study of the Internal Friction in Powder Metallurgical Bodies. 4 Specimens from Binary Powders of Non-Interacting Components Cu-Mo, Cu-W, by B. Ya. Pines, Dan Ge Sen, 5 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VIII, No 6, 1959 pp 867-871

PP

Sci-
Feb 61

140,188

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Non-Equilibrium State and Diffusion Creep In Ceramet Bodies, by B. Ya. Pines, A. F. Birenko, 34.pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VIII, No 5, 1959, pp 766-776. 9670061

ATIC MCL 592/1

Sci - Min/Met

Jul 61

158,757

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

An Investigation of Internal Friction in Metal-ceramic Bodies, 2. The Ternary System Cu-Ni-Fe, by B. Ya. Pines, Den Ge Sun, [illegible]

RUSSIAN, per, Fiz Metal i Metallov, Vol [illegible] No 1, 1960, pp 86-90.

pp

Bel

Jun 61

156,213

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

A High-Temperature Electronograph with Three Magnetic Lenses and Evaporation Chamber, by B. Ya. Pines, I. P. Grebennik, 4pp.

RUSSIAN, per, Pribory i Tekh Eksper, No. 1, 1961, pp 156-160.

ISA

191,789

Sci

Mar 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

An Investigation of Internal Friction in Metal-ceramic Bodies. 3. Effects Caused by Plastic Deformations, by B. Ya. Pines, Dan Ge Sen, 7 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 1, 1960, pp 91-99.

PP

156, 214

Bes

Jan 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Relationship Between the Service Life Under Load and the Stress Applied for Ferrous Cermet Samples in Alpha- and Gamma-Phase, by B. Ya. Pines, A.F. Sirenko.

RUBRYAM, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2, 1959 pp 310-313. 9661857.

ATIC MIL 616/1

Sci - Chem
Jun 61

155502

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

"Aftereffect" in Metal Specimens Subjected to Diffusion Creep at High Temperatures, by L. Ya. Pines, I. G. Ivanov, 6 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 5, 1960, pp 959-966.

AIP
Sov Phys-Solid State

Sci

Jan 61

135, 146

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

The Calculated and Empirical Values of the Lifetime of Metals and Alloys Under a Load, by B. Ya. Pines, A. F. Sirenko, 8 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Rol II, No 6, 1960, pp 1043-1051.

AIP
Sov Phys-Solid State

Sol
Jan 61

135, 155

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

X-Ray Determination of the Coefficients of Heterodiffusion in Cr - Mo and Ni - W Systems, by B. Ya. Pines, I. V. Smushkov, 6 pp.

RUSSIAN, por. Zhur Tekh Fiz, Vol XXVIII, No 3, 1958, pp 668-673.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 3

Sci - Phys
Dec 58

69, 395

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

X-Ray Investigation of the Structure of the Highly Coercive Alloy Fe-Ni-Al-Cu, by I. N. Bardukhin, B. Ya. Pines, 7 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol VII, No 1, 1959, pp 57-63.

PP

Sci
Aug 60

124,574

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

On the Mechanism of the Stress-Rupture Failure of Metals, by B. Ya. Pines, A. F. Sirenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1061.

AIP
Sov Phys - Dok
Vol V, No 5

Sci

Apr 61

152,525

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Dislocation and Diffusion Effects in Recrystallization of Deformed Copper, by B. Ya. Pines, 8 pp.

RUSSIAN, /per, Fizika Tverdogo Tela-Sbornik Statey, 1949, pp 264-272.

ACSI M-8693
ID 2162139

Sci - Phy

Jan 61.

154,733

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Determination of Micro Stresses in Plastically Deformed Polycrystalline Solids, by B. Ya. Pines, N.G. Berezniyak.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIV, No 2, 1954, pp 329-336. CIA 966075 8

ATIC MCL 600

Sci - Chem

May 61

Wing DC-2

154,003

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Sintering of Multi-Phase Substances IV. Sintering of Mixtures of High-Melting Metal Powders, by B. Ye. Pines, A. P. Sivonko, 9 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 1, 1958, pp 150-158.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 1

Sci - Phys

Sep 58

14,020

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

X-Ray Diffraction Determination of Dispersion of Structural Constituents and Microstress in High-Coercive CU-NI-FE Alloys, by B. Ya. Pines, V. N. Baranskiy, 7 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VI, No 6, 1958, pp 1053-1060.

Pergamon Press

Sci

Jun 60

117,965

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

X-Ray Determination of the Coefficients of Heterodiffusion in Alloys Whose Components Differ Considerably in X-Ray Absorption, by B. Ya. Pines, I. V. Smushkov, 7 pp.

RUSSIAN, Pub, Zhur Tekh Fiz, Vol XXVIII, No 3, 1958, pp 661-667.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 3

69,895

Sci - Phys
Dec 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Pines, B. Ya.
SINTERING AND DIFFUSION CREEP OF METAL-LOCERAMIC BODIES (Spekaniye i Diffuzionnaya Polzuchest' Metallokeramicheskikh Tel). 1 Dec 60, 39p. 39 refs. JPRS: 7202.
Order from OTS $1.00 61-11645

Trans. of Vsesoyuznoye Khimicheskoye Obshchestvo. Zhurnal (USSR) 1960, v. 5, no. 2, p. 173-180.

A literature review based on Soviet and non-Soviet references.

(Materials--Ceramics, TT, v. 5, no. 7)

61-11645

1. Cermets--Creep
2. Cermets--Sintering
I. Pines, B. Ya.
II. JPRS-7202
III. Joint Publications Research Service, New York

Office of Technical Services

61-11582

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

On the Calculation of the Simplest Equilibrium Diagrams of Ternary Alloys. II. Some Solutions of the General Equations for the Case of Separation of Solutions Accompanied by Phase Transition, by B. Ya. Pines, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 8, pp 1885-1892.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 8

Sci - Phys

64,766

Jun 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

The Surface Tension of the Binary Metal Alloys Pb-Sn, Bi-Pb, Bi-Sn and Bi-Cd, by R. V. Bakradze, G. Ya. Pliss. UNCLASSIFIED

RUSSIAN, Per, Zhur Tekh Fiz, Vol XXIII, No 9, 1953, pp 1548-1558.

Sci Mus Lib 58/0320

Sci - Min/Met; Phys
Sep 58

73,403

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Sintering of Multi-Phase Bodies. III. Sintering of Mixtures Containing Low-Melting-Point Powders, by B. Ya. Pines, A. F. Sirenko, N. I. Sukhinin, 10 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 8, pp 1892-1902.
3 3

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 8

Sci - Phys

64,767

Jun 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Some Correlations Regarding the Mechanical Strength of Materials Obtained by Sintering of Powdered Metals. III. Case When Powder Mixtures Contain Easily Fusible Components, by B. Ya. Pines, A.F. Siremko, N. I. Sukhinin, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 8, pp 1901-1911.
4

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 8

Sci - Phys

Jun 58

64,768

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

On Ductile Rupture, by B. Ya. Pines, 26 pp.

RUSSIAN, mp per, Zhur Eksp i Teoret Fiz, Vol XVI, No 8, 1946, pp 744-755.

Sci Tr Center RT-327

Scientific - Physics

10,134

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

On Sintering (In Solid Phase), by B. Ye. Pines,
5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XVI, No 6,
1946, pp 737-743.

26,713

Sci Trans Center
RT-2369

Scientific - Physics Sep 55 CTS/DEX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

...n the Energy of Mixing and Energy of Arrangement of ...olid Solutions, by B. Ya. Pines, 6 pp.

...ull translation.

...USSIAN, Zh Sek Fiz-Khim Anal, Inst Obsh 1 ...ter Khim, 1943, Vol XVI, No 1, pp 64-67.

Sci Mas Lib No 52/3270

...cientific - Chemistry

...7 December 1952

A 9-17

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

On the Sintering of Multiphase Bodies, II. The Sintering of Compressed Powder Mixtures, Contraction as a Function of Concentration, by B. Ya. Pines, N. I. Sukhinin, 8 pp.

RUSSIAN, mo per, Zhur Tekh Fiz, Vol XXVI, No 9, 1956, pp 2100-2107.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

54,380

Sci - Phys
Oct 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

The Influence of the Plastic Deformation of Nickel on the Rate of Diffusion in the System Ni-S, by B. Ya. Pines, E. F. Chaikovskiy, 4 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 3, 1960, pp 369-373.

pp

Sci

Apr 61

149,599

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

A Criticism of Williamson and Smallman's Article on the Use of Fourier Analysis for the Interpretation of Broadened Lines in X-Ray Patterns of Cold-Worked Iron and Molybdenum [1], by B. Ye. Pines, 2 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 10, Oct 1956, pp 2387, 2388.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol I, No 10

Sci - Minerals/Metals
Nov 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Calculation of the Simplest Equilibrium Diagrams for Ternary Alloys, 1. The General Equations and Their Solutions for Solution Decompositions Not Involving a Phase Transition, by B. Ya. Pines, 12 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9, 1956, pp 2108-2118.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

54, 381

Sci - Phys
Oct 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

On the Sintering of Multiphase Bodies, I. The Coalescence of Heterogeneous Grains, by B. Ya. Pines, 15 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9, 1956, pp 2086-2099.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

54, 379

Sci - Phys
Oct 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Resolution in So-Called High-Dispersion x-Ray Photography, by B. Ya. Pines, A. F. Sirenko, L. G. Mel'nik, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 10, 1958, pp 2344-2347.

A Inst of Phys
Sov Phys - Tech Phys
Vol III, No 10

Sci - Phys

Jun 59

90,128

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Diffusive Creep of Solids, by B. Ya. Pines, 7 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 10, 1957
pp 2314-2320.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 10

Sci-Phys
Jun 58

65,307

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Some Laws of Mechanical Strength in Bodies Produced by Sintering Powdered Metals, by B. Ya. Pines, N. I. Sukhinin, 9 pp.

RUSSIAN, mo per, Zhur Tekh Fiz, Vol XXVI, No 9, 1956, pp 2076-2085.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

54, 378

Sci - Phys
Oct 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

On Microdeformations in the Crystal Lattice of α-Fe for Tempered and Annealed Steels, by B. Ya. Pines, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIII, No 4, 1955, pp 601-604.

Morris D. Friedman
$3.00

34,932

Scientific - Physics
Min/Metals
Jun 56 CTS/dcx

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Mixing Energies of Binary Metallic Systems, by Ya. E. Geguzin, B. Ya. Pines,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII, No 4, 1950, pp 535-538.

Fulmer Research Institute No 15

Scientific - Physics

10,686

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Self-Diffusion and Heterodiffusion in Nonhomogeneous Porous Bodies. II. The Direct and Reverse Frenkel'Effect, by B. Ya. Pines, A. F. Sirenko, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 8, 1958, pp 1748-1752.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol III, No 8

83,379

Sci - Phys
Mar 59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

(NY-4883)

Sintering and Diffusion Creep of Metalloceramic Bodies, by B. Ya. Pines, 39 pp.

RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I. Mendeleyev, Vol V, No 2, 1960, pp 173-180.

JPRS 7202
OTS 60-19778
135,842

Sci - Engr

Dec 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

An Investigation of Internal Friction in Powder Products, by B. Ya. Pines, Don Ge Sen, 7 pp

RUSSIAN, per, Fiz Metal i Metallov, Vol VIII, No 4, 1959, pp 599-606

PP 3
149,646

Sci.
Feb 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

(FDD 19312)

Sharp-Focus X-Ray Tubes and Light-Powerful Monochromators, by B. Ya. Pines, 12 pp.

Full translation

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol XVI, No 3, Moscow-Leningrad, May-Jun 1952, pp 333-338.

CIA/FDD/U-5486

11,017

USSR

Scientific - Physics, x-ray tubes and monochromators

Feb 54

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Calculation of the Simpler Equilibrium of Diagrams of Binary Alloys, By B. Ya. Pines, 22 pp.

Full translation.

USSIAN, Zhur Fiz Khim, 1949, Vol XXIII, No 5, pp 625-638.

Sci Mus Lib No 52/3269

Scientific - Chemistry

27 December 1952

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Theoretical and Experimental Equilibrium Diagrams of Some Simpler Binary Alloys, by Ya. E. Geguzin, D. Ya. Pines, 7 pp.

Full translation.

RUSSIAN, Dok Ak Nauk SSSR, 1950, Vol LXXV, No 3, pp 387-390.

Sci Mus Lib No 52/3248

Scientific - Chemistry

27 December 1952

A-3006

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Concerning the Problem of the Conditions for the Reversibility of Breakdown Process of Metals Under Loading, by B. Ya. Pines, A. F. Sirenko, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 6, 1960, pp 1312-1315

AIP
Sov Phys - Doklady
Vol V, No 2

Sci
Nov 60

132, 732

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

On the Method of Obtaining Alloys of Varying Concentration, by V. S. Kogan, B. Ya. Pines.

RUSSIAN, per, Zhur Tekh Fiz, Vol XVIII(3), 1948, pp 377-382.

Fulmer Research Institute
Tr No 35 OT/413

Scientific - ~~Chemistry~~ Physics, concentration, alloys

Index Aeronauticus

A5565

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Dependence of the Durability Under Loading of Metal Ceramic Speciments of Iron in Alpha- and Gamma-Phases on Stresses, by B. Ya. Pines, A. P. Sirenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2, 1959, pp 310-.

Amer Inst of Phys
Sov Phys-Dokl-Eedy
Vol IV, No 6

120, 691

Sci

Jul 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Pines, B. Ya. and Bereznyak, N. G
DETERMINATION OF MICROSTRESSES IN PLASTICALLY DEFORMED POLYCRYSTALLINE SOLIDS (K Opredeleniyu Mikronapryazheniy v Plasticheski Deformirovannykh Poliyeristallicheskikh Tel). 4 Nov 60 [15]p. 6 refs. MCL-600/1
Order from LC or SLA ml$2.40, ph$3.30 61-19405

Rough draft trans. of Zhurnal Tekhnicheskoy Fiziki (USSR) 1954, v. 24, no. 2, p. 329-336.

A method of harmonic analysis of the intensity distribution curve is used in determining the structural variations which arise during plastic deformation of polycrystalline samples of W and Ta. In order to refine the method for calculating the microdeformations, a relationship is established between the values of the coefficients of expansion into a Fourier series and the magnitude of the angle interval of the blurred line which has been assumed for the given analysis. It was found that after deformation the blurred lines on microphotographs
(Mechanics, TT, v. 5, no. 10) (over)

61-19405

1. Solids--Stresses
2. Solids--Deformation
3. Harmonic analysis--Applications
I. Pines, B. Ya.
II. Bereznyak, N. G.
III. MCL-600/1
IV. Technical Information Center, Wright-Patterson AFB, Ohio

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

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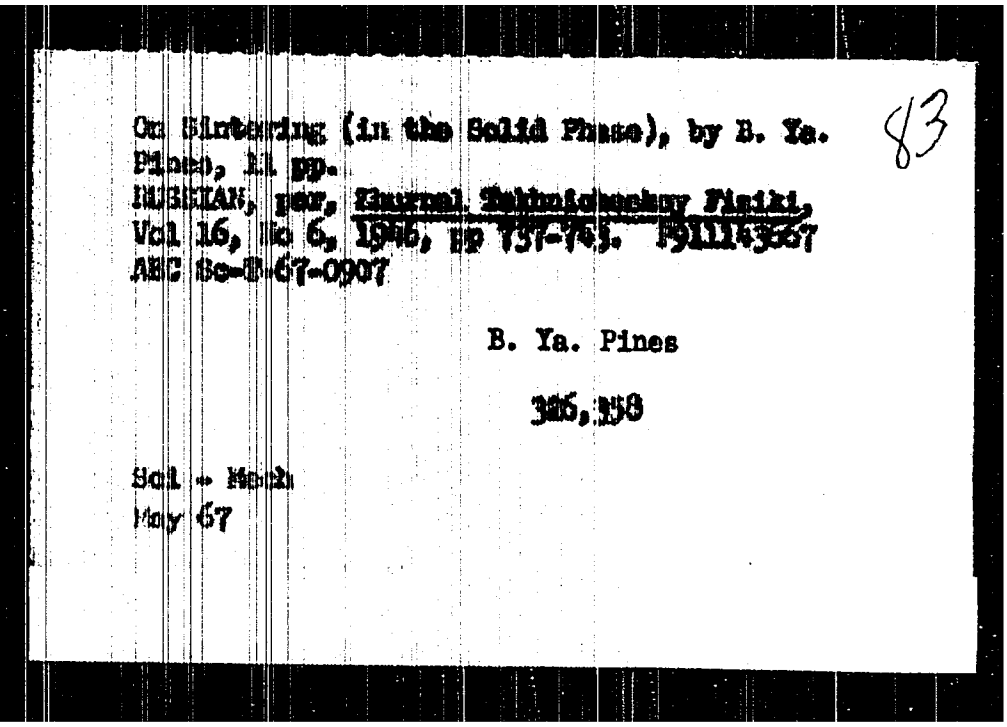

On Sintering (in the Solid Phase), by B. Ya. Pines, 11 pp.
RUSSIAN, per, Zhurnal Tekhnicheskoy Fiziki, Vol 16, No 6, 1946, pp 737-745. PB114367
AEC tc-B-67-0907

B. Ya. Pines

336,158

Soil + Mech
May 67

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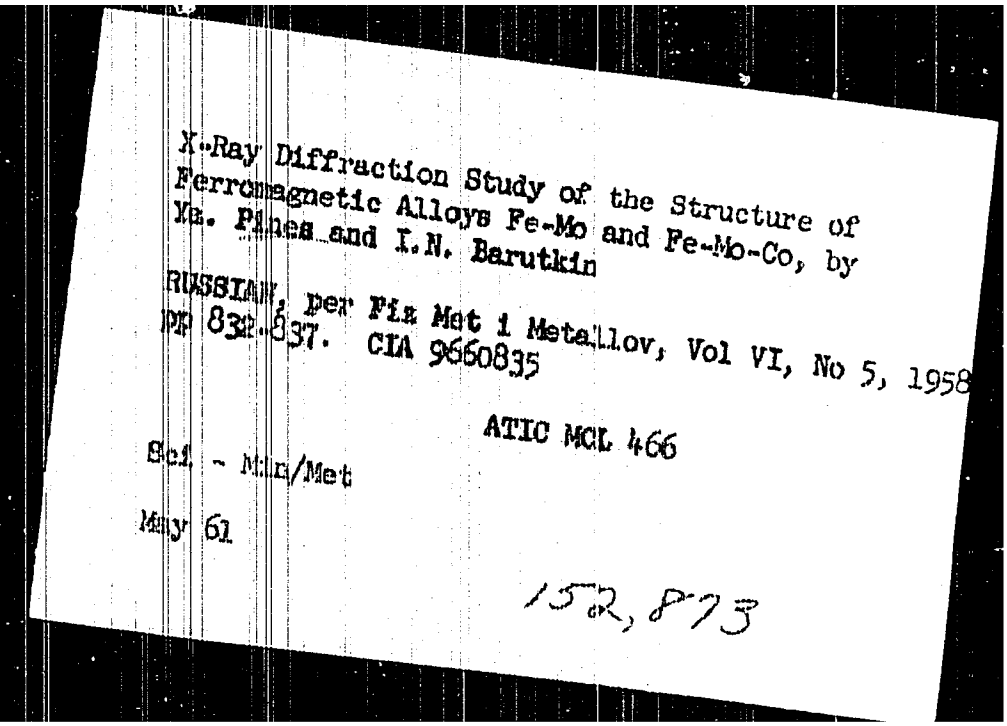
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8



X-Ray Diffraction Study of the Structure of Ferromagnetic Alloys Fe-Mo and Fe-Mo-Co, by Ya. Pines and I.N. Barutkin

RUSSIAN, per Fiz Met i Metallov, Vol VI, No 5, 1958 PP 832-837. CIA 9660835

ATIC MCL 466

Bel - M:n/Met

May 61

152, P73

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Pines, Ya., and Barutkin, L. N.
X-RAY DIFFRACTION STUDY OF THE STRUCTURE OF FERROMAGNETIC ALLOYS Fe-Mo AND Fe-Mo-Co (Rentgenograficheskoye Issledovaniye Struktury Ferromagnitnykh Splavov Fe-Mo i Fe-Mo-Co). 31 Oct 60 [13]p. 10 refs. MCL-466/1.
Order from LC or SLA mi$2.40, ph$3.30 61-19430

Rough draft trans. of *Fizika Metallov i Metallovedeniye (USSR) 1958, v. 6, no. 5, p. 832-837.

Harmonic analysis of the form of X-ray diffraction lines is used to determine the magnitude of microstresses and paramagnetic inclusions in alloys Fe-Mo and Fe-Mo-Co after different thermal treatment. Structural characteristics are compared with magnetic properties. (Author)

(Metallurgy--Structural, TT, v. 5, no. 10)

61-19430

1. Ferromagnetic materials--X-ray analysis
2. Iron alloys--X-ray analysis
I. Pines, Ya.
II. Barutkin, L. N.
III. MCL-466/1
IV. Technical Information Center, Wright-Patterson AFB, Ohio

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

The Electrophysiological Characteristics of the Afferent Connections of the Kidney With the Central Nervous System, by M. L. PINES, 8 pp.

RUSSIAN, per. Fiziol Zhur SSSR imeni I. M. Sechenova, Vol XLVI, No 11, 1960, pp 1380-1386.

PP

164, 119

Sci

Aug 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

[redacted]

fferent and Afferent Impulsation in the Renal
Nerves during the Development of Experimental
Neurogenic Hypertension
By Yu. L. Pines p. 5

RUSSIAN, per. Byul Eksper Biol i Medit, Vol LIII,
No 5, 1962, pp. 46-49

CB

Sov

Aug 63

343,066

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Electrophysiological Investigation on the Mechanoreceptors in the Intrarenal Vessels, by Yu. L. Pines, 10 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M. Sechenov, Vol XLV, No 11, 1959, pp 1339-1347.

Pergamon Press

Sol

May 60

116,953

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Emm
Pulse Operated Sharp Focus X-Ray Tubes, by
A. I. Bablik, B. Ya. Pinsss.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVIII, No 3, 1952, pp 350-352.

NLL Ref. 0578.9 1963 (1,528)
(Lom)

Sci. - Phys
Nov 63

242, 326

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Pulmonary and Extrapulmonary Tuberculosis of Super-infection Type in Attending Hospital Personnel, by J. Brun, J. Viallier, F. Pinet, 24 pp.

FRENCH, per, J. Med Lyon, Vol XXX, No 719, Dec 1949, pp 959-968.

SLA Tr 2771

55,517

Sci - Medicine
Nov 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Pinevich, G.
VISCOSITE DES MELANGES DE SOLUTIONS AQUEUSES D'AMMONIAC LIQUIDE, tr. by M. Fedorovsky. 26 July 60 [23]p. CEA Trans. no. R 987 (text in French).
Order from OTS or SLA $2.60 61-15801

Trans. in French of Kholod[il'naya] Tekh[nika] (USSR) 1948, v. 20, no. 3, p. 30-37.

DESCRIPTORS: *Ammonia, *Liquefied gases, Gas, Liquids, Viscosity, Solutions.

(Chemistry-Physical, TT, v. 6, no. 2)

61-15801

I. Pinevich, G.
II. CEA-tr-R987
III. Commissariat à l'Energie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Calculating the Ventilation of Cement Mills, by G. V. Pinevich, 4 pp.

RUSSIAN, Otmo per, Tsement, No 5, Sep/Oct 1956, pp 19, 20.

Consultants Bureau

Sci - Engineering, ~~Chemistry~~
Jun 57

49,088

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Batisite, A New Mineral, by S. M. Kravchenko, Ye. V. Vlasova, N. G. Pinevich 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 3, 1960, pp 657-660.

AGI

Sel

Aug 61

163, 828

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Effect of Various Types of Nitrogen Fertilizers on Catalase and Peroxidase Activities in Wheat and Barley Grains, by V. V. Pinevich, 6 pp.

RUSSIAN, per. Fiziol Rastenii, Vol VIII, No 2, 1961, pp 205-212.

AIBS

Sci
Jan 634

24, 716

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Chlorella and Economic Utilization of Unicellular Algae, by V. V. Pinevich.

RUSSIAN, per, Zemledelie, Vol XXIII, No 5, 1961, pp 42-49. 9096816

USDA Tr. N-1329.

184,469

Bot - Biol

Feb 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Certain Results of Large-Scale Culture of Unicellular Algae, by V. A. Chesnokov, V. V. Pinevich, N. N. Vorzilin.

RUSSIAN, per, Vest Leningrad Universitets, Vol XV, No 9, 1960, pp 29-36. 9076509

UBDM

Sci - Bio

Jun 61

153 899

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

(NY-6300/9)

[illegible] Annihilation of American Mercenary Troops,
by [illegible] K'ung Bien, Ping An, 6 pp.

CHINESE, mp, Jen-min Jih-pao, 24 Apr 1961, p 4.

JPRS 9561

FE - China

Pol

Aug 61

16X2,087

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Minimax Estimates of Parameters of Distributions Belonging to the Exponential Family, by Chen Ping, 23 pp.

CHINESE, per, Acta Mathematica Sinica, Vol XIV' No 2, 1964, pp 252-275.

Amer Math Soc
Vol V, No 2

Sep 64

266,691

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Ch'eng P'ing.
BAYES SEQUENTIAL PROCEDURES WITH K-DECISION ACTIONS FOR THE EXPONENTIAL POLYA TYPE III DISTRIBUTIONS, tr. by H. P. Kuang. Nov 63, 17p 6refs
Order from the American Mathematical Society, Providence, R. I. $21.00/year in its Chinese Mathematics, v. 4, no. 1 (p. 131-147)

Trans. of [Shu Hsüeh Hsueh Pao] (Chinese People's Republic) 1963, v. 13, no. 1, p. 119-[135]. (Abstract available)

DESCRIPTORS: Mathematics, *Sequential analysis, *Statistical distributions, *Statistical functions, *Statistical tests

The purpose of the paper is to extend the result of the Bayes sequential decision procedures to the case of a finite number of elements under the condition that
(Mathematics, TT, v. 11, no. 1) (over)

TT-63-22920-1 (p. 131-147)

I. Title: Bayes's solution
I. Ch'eng P'ing
II. American Mathematical Society, Providence, R. I.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

(SF-1510).

On-The-Spot Meetings at the Shanghai Radio Factory,
by L. P'ing, 4 pp.

CHIEHFANG, pub, Shanghai Kung-shang, No 15-16,
20 Aug 1953, pp 41-42.

JPRS 4462

FE - China

Pol

Ver 61

143,608

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

An Account of the Industries and Wards of Tientsin, by Fei P'ing, 8 pp. FOR OFFICIAL USE ONLY

CHINESE, per, Shih-tai P'i-p'ing, 16 Apr 1963.

500th INTC Gp 2083/63
Doc No 108586

FE - China
Econ
Jul 63

238,223

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Communist Party Members Must Have Vitality, by Tieh Ping, 5 pp

CHINESE, mo per, Jen-min Jih-pao, Peiping, 4 Jan 58, p 7.

US JPRS/DC-187
CBO DC-1640/2

FE - China

Pol

Jun 58

64,734

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

"Communist Party Members Must have Vitality" by Hsieh Ping
5 pp

CHINESE, dtd np, Jen-min Jih-pao, Peiping, 4 Jan 58, p 7

USJPRS/DC-207
OSO DC-1640/2

FE - China
Pol
Oct 58

74, 234

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8

Stand Firm, Never Fade in Color, by Yuan Ping,
6 pp.

CHINESE, per, Hung-ch'i, No 20, 28 Oct 64.

JPRS 27757

Asia-China
Pol
Jan 65

272,344

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720061-8